

**AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions of claims in the application.

1. (Original) High purity phosphoric acid having an Sb content of 200 ppb or less and a sulfide ion content of 200 ppb or less as impurity contents on a 85 weight percent  $\text{H}_3\text{PO}_4$  basis.
2. (Original) The high purity phosphoric acid according to claim 1, obtained by a first step of blowing hydrogen sulfide gas in excess into crude phosphoric acid containing an impurity metal to precipitate the impurity metal in the form of a sulfide, a second step of filtering the phosphoric acid from the first step, and a third step of bringing the phosphoric acid from the second step into contact with air in a removal tower to remove hydrogen sulfide gas from the phosphoric acid, the first and the second steps being carried out at 59°C or lower.
3. (Original) The high purity phosphoric acid according to claim 1 or 2, wherein the crude phosphoric acid is dry-process phosphoric acid obtained by burning yellow phosphorus to generate diphosphorus pentoxide gas and hydrating the gas.
4. (Previously amended) The high purity phosphoric acid according to claim 1 or 2, which is for use in etching of an electronic device.
5. (Currently amended) A process of producing high purity phosphoric acid comprising a first step of blowing hydrogen sulfide gas in excess into crude phosphoric acid containing an impurity metal to precipitate the impurity metal in the form of a sulfide, a second step of filtering

the phosphoric acid from the first step, and a third step of bringing the phosphoric acid from the second step into contact with air in a removal tower to remove hydrogen sulfide gas from the phosphoric acid, the first and the second steps being carried out at 59°C or lower,

the process further comprising the step of aging between the first and the second steps which is carried out at 59°C or lower.

6. (Cancelled)

7. (Currently amended) The process of producing high purity phosphoric acid according to claim 5, [[or 6,]] wherein the first step is carried out by bringing the crude phosphoric acid and the hydrogen sulfide gas into contact with each other in an absorption tower packed with a packing.

8. (Currently amended) The process of producing high purity phosphoric acid according to claim 5, [[or 6,]] wherein the third step is carried out by bringing the phosphoric acid and air into contact in a removal tower packed with a packing.

9. (Currently amended) The process of producing high purity phosphoric acid according to claim 5, [[or 6,]] wherein the crude phosphoric acid containing an impurity metal is dry-process phosphoric acid obtained by burning yellow phosphorus to generate diphosphorus pentoxide gas and hydrating the gas.